



Having described my invention however, many modifications will become apparent to those skilled in the art to which it pertains without deviation from the spirit of the invention as defined by the scope of the appended claims.

I claim:

1. For use in conjunction with a vehicle having outside rear viewing mirrors mounted on the right and left hand sides, a device for signaling the operation of said vehicle by applying electrical lighting as an addition to and as an integral part of the outside rear view mirror housing, comprising: means of attaching said signaling device, forming to said mirror housing, and indicating vehicle running, clearance, braking, hazard, and directional turning and lane changing signals, from electrical signals generated from a device on the steering mechanism of said vehicle and from the said vehicles electrical signals, and means to control functions of said signaling device.
2. The invention as defined in claim 1 wherein the attachment means comprises a formed base of flexible material characterized by neoprene or rubber or plastics and molded to hold electrical light emitting assemblies, connecting sockets, plastic lenses, ducting for electrical wiring.
3. The invention as defined in claim 2, wherein light emitting assemblies characterized by light emitting diodes (L.E.D's), krypton, xenon, halogen or incandescent bulbs, one or more close mounted in line on a printed circuit board with connections to a small plug.
4. The invention as defined in claim 2, wherein the attachment means is mounted to the said mirror housing providing one light emitting assembly at the rear of the housing, indicating vehicle running and clearance and covered by a lens, four light emitting assemblies, on the underside of the housing indicating, vehicle braking, hazard and directional change and covered by a lens.
5. The invention as defined in claim 1 wherein the vehicle steering mechanism directional signaling device, consisting of an operator attached to the steering mechanism giving an electrical output when in the straight ahead position, when moved a few degrees to the right or left the output changes, further movement giving an output either right or left and the two conditions combining to signal a changing of direction, a possible lane change by energizing the first of the four directional light emitting assemblies nearest the vehicle side, further movement of the steering mechanism either right or left changing the output and causing the second, third and fourth light emitting assemblies to flash in sequence and repeat until the steering mechanism returns to the straight ahead position; the three

5. continued

directional sequencing light emitting assemblies interlock with a vehicle operator turning signal, switching off with an opposite over-riding turning signal.

6. The invention as defined in claim 2, wherein the said attachment means contains a safety bumper positioned between the two light emitting assemblies at the rear and the underside of the housings, the tubular bumper, formed from the base flexible material and sized to protect the light assemblies and containing electrical contact strips to close on impact and giving an electrical output.

7. The invention as defined in claim 1, wherein a braking signal connects the vehicle "brake on" wire, as the vehicle brake is applied, energizing the second, third and fourth light emitting assemblies on both sides of the vehicle.

8. The invention as defined in claim 1, wherein a hazard signal is given when reversing the vehicle energizing the "in reverse" vehicle connection, sequencing the second, third and fourth light emitting assemblies on both sides of the vehicle, the signal is also controlled by an on-off switch and by alarm switches on the safety bumpers both connected to the "hot at all times" wire.

9. The invention as defined in claim 1, wherein the running and clearance light emitting assembly is energized by the vehicle "ignition on" signal.

10. The invention as defined in claim 1, wherein the logic circuitry is of solid state integrated construction.

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